



Headquarters Operations & Sustainment Systems Group

Integrity ... Service ... Excellence



CARGO MOVEMENT OPERATIONS SYSTEM (CMOS)

<https://www.gunter.af.mil/il/ilr/ilrc/>



**Presented to:
SDDC SYMPOSIUM
USMC TACK-ON
28 APRIL 2005**



**Prepared By CMOS PMO
HQ OSSG/LRT**



OVERVIEW

- ***Regionalization***
- ***Release Schedule/Capabilities***
- ***DTTS Reporting***
- ***DCMOS Core Capabilities***
- ***Line of Accounting (LOA) Validation***
- ***MARFORRES Remote Units***



REGIONALIZATION

- **216 Sites are Regionalized**
 - **Regionalizing 10 CENTAF sites to DISA-EUR**
 - **Regionalizing 6 OCONUS Navy sites to DISA-EUR**
 - **Migrating CONUS USMC sites to their own server**
 - **Regionalizing Paya Lebar, Singapore to DISA-PAC**
 - **Looking at Regionalizing Ascension Island & Antigua to DECC-MONT**
 - **Working with Defense Contracting Management Agency (DCMA) to implement CMOS at DCMA-Northern Europe, DCMA-United Kingdom, DCMA-Korea & DCMA-Israel**



6.3 SCHEDULE AND CAPABILITIES

- ***6.3 Schedule***

- Released - Jan 05 - Currently being loaded

- ***6.3 Capabilities***

- Create Increment TCNs without DSOE ID
- CBL enhancement supporting DTTS processing
- Change GT to Tailor Transportation Contract
- Regional Server Upload Process
- Ability to add up to 3 Subsidiary Risks on Hazardous Dec's
- Communications change to AQ for CMOS-to- CMOS
- Upgrade to Oracle 9i



6.3.3.b.3 SCHEDULE AND CAPABILITIES

- ***6.3.3.b.3 Schedule***

- In test, will be released 27 May

- ***6.3.3.b.3 Capabilities***

- Shipper Export Declaration (SED)
 - Automated Export System (AES) Interface
 - Support 22-bit active RFID



OS-I2P Schedules and Capabilities

- ***OS-I2P Releases:***

- **New National Air Cargo Module—Feb 05**
- **New MENLO (Old Emery)—May/Jun 05**
- **New DHL Module—TBD**



7.0 SCHEDULE AND CAPABILITIES

- ***7.0 Schedule***

- **Scheduled World Wide Release – Sep 05**

- ***7.0 Capabilities***

- **Ability to access “Shipment Planning Detail” window from the “Maintain CBL Data”**
 - **Ability to process Passengers without starting a deployment—Space A & Space Required**
 - **Estimated Charges for Small-P—mandatory entries for MRM-15 Carriers**
 - **“Line of Accounting” (LOA) validation with Tracker**



7.0 SCHEDULE AND CAPABILITIES

- ***7.0 Capabilities (cont.)***

- **Added capability to select the “REPSHIP” Indicator from the “Shipment Planning Detail” window for Closed Consolidations**
- **Redesign Passenger Process**
 - **Cargo Process Look and Feel**
 - **Ability to process pax without starting a deployment**
 - **Support for Space A and Space Required**
- **Ability to import Army Unit Deployment List from TC-ACCIS**
- **Ability to import PlanID files from USMC LOGAIS**



7.1 SCHEDULE AND CAPABILITIES

- ***7.1 Schedule***

- **Scheduled Worldwide Release—Mar 2006**

- ***7.1 Capabilities***

- **4 Technical Requirements—preparatory steps for going to the WEB—Single DATABASE**



DTTS REPORTING

- **CMOS sends information to Defense Transportation Tracking System (DTTS) through the GFM interface**
- **CMOS 6.3 corrected description at line item level**
- **TMOs need to contact DTTS and provide additional info prior to turn off fax process: see SAN 03-151 at <https://www.gunter.af.mil/il/ilr/ilrc/sans.asp>**
- **The following steps are required to identify a Bill of Lading as requiring DTTS Tracking:**
 - **All TCNs on the Bill of Lading must have a security risk code assigned. This is the risk code field on the Shipment Planning Detail window.**
 - **The DTTS checkbox must be checked on the Miscellaneous window of the Maintain CBL/GBL data process.**

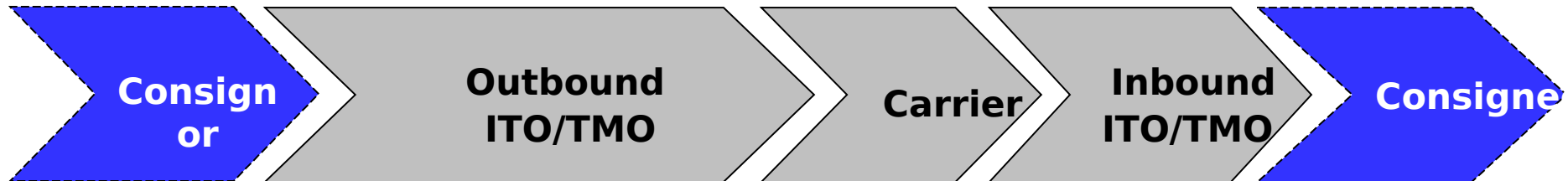


DTTS REPORTING

- A tractor serial number must be entered on the Conveyance Data window of the Maintain CBL/GBL data process.**
- The DTTS Data window of the Maintain CBL/GBL Data process must be completely filled out. This includes a load use indicator, a classification indicator and transportation company, origin and destination contact phone numbers.**
- SNS, MNS, MVS Services Codes must have Special Charges filled out on Service Code dialog box of the Routing & Bill Of Lading processes**
- For Information to flow to GFM and DTTS in a timely manner the Bill of Lading must be released as soon as the cargo is turned over to the carrier**



CORE D-CMOS CAPABILITIES



- ATCMDs
- Shipping Labels
- Hazardous Doc
- Consolidation
- Containerization

- Bills of Lading
- Korean/Japanese Freight Warrant
- German/UK Freight Warrant
- Military Air/Pax/Truck Manifest

• *Indus (I2P)*

- AIT Enablers**
- Bar-code read/write
 - RFID read/write
 - OMC read/write
 - RFID
 - Common Access Card

processor

- Tally Sheet
- Incheck
- Over/Short
- Traffic Discrepancy Reporting

**** NOTE****Items in red are not currently offered with Deployable CMOS



D-CMOS INTERFACES

Financial

PowerTrack
US Bank

Transportation Management

TRACKER
Transportation Reconciliation and
Certification Tool

FACTS
Financial and Air Clearance Transport
System

Transportation

WPS
Worldwide Port System

GATES
Global Air Transportation Executive
System

CMOS
Cargo Movement Operations System

AMS
Automated Manifest System

Unit Movement

AALPS
Automated Air Load Planning System

CALM
Computer Aided Load Manifest

MANPER-B
Manpower and Personnel - Base-Level

LOGMOD
Logistics Module

TC-AIMS-II
Transportation Coordinators'
Automated Information form
Movement System

LOGAIS
Logistics Automated Information System



Interfaces Not

SBSS
Standard Base Supply System

STRATIS*
Storage, Retrieval, Automated
Tracking Integrated System

*Data can be loaded via OMC card

Supply/Asset

CAS-B*
Combat Ammunition System - Base

In-transit Visibility

GTN
Global Transportation Network

****These interfaces are transmitted via FTP or Diskette****



**Color
coding
and
Legend**

Edit Formatted Accounting Classification

ACCOUNTING SYSTEM: MISIL AGENCY QUALIFIER: AIR FORCE

ENTITLEMENT SYSTEM: ONE-PAY

MANDATORY	CONDITIONAL	OPTIONAL	N/A	MIN	MAX	TYP	REQ CODE
DEPT A1 :				2	2	N	M
TDEPT A2 :							
FY A3 :							
ASN A4 :							
LIMIT A5 :							
PC A6 :							
OAC B1 :							
OBAN B2 :							
UIC B3 :							
PEC C1 :							
BPAC C2 :							
MFP D1 :							
JON D4 :							
SAR D6 :							
RC/CC D7 :							
RBC E1 :							
ARSC E2 :							
SRAN/MPC E3 :							
EEIC F1 :							
Type Ven F3 :							
ESPC G2 :							
MAC I1 :							
SDN J1 :							
ACRN K6 :							
ADSN L1 :							
IFS M1 :							
BAAN N1 :							
FMS P5 :							

VALIDATE LOA

OK CANCEL HELP

**New
Button To
(Pre)Valid
ate LOA**



LOA VALIDATION

Maintain CBL Data (Billing)

B/L: SCAC: ROUTING: STATUS: /

BILL TO: TYPE BILL: CARRIER ACCT NUMBER:

NAME:

ADDRESS:

BASE/CITY: ST/CO: ZIP:

NMFC/UFC:

ESTIMATED CHARGES: APPROPRIATION CHARGEABLE:

HAZARDOUS CERT:

CERTIFYING PERSON:

REMARKS-1:

REMARKS-2:

MARKS/ANNOTATIONS:

DESC OF ART MISC REMARKS:

TARIFF/SPECIAL RATE AUTHORITY: RELEASE VALUE:

VIA SCAC-4	VALIDATE FUNDS						ACCOUNTING
ASG CARR-1	ADDRESSES	BILLING	MISC	CONVEYANCE	TCNS ASSIGNED	RINS	
DTTS	SVC CODES	COMMODITIES	RELEASE-2	PRINT	EDIT	RAIL INFO-3	

**New
Button To
Validate
Funds**




LOA VALIDATION

TGET ADAPTER Wed Feb 16 09:12:23 2005 - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Media

Address <https://143.158.80.65/cgi-bin/CU3C3437.cgi?key=SQFL500105&type=C&revalidate=N&dodaac=FM4499> Go Links



Validating LOA

SQFL500105 Processing CBL Records...			
TCN	LOA	AIN	Details
GORDON5045X100XXX			Successfully validated!
GORDON5045X101XXX			Successfully validated!
GORDON5045X103XXX		065916	Successfully validated!

Validation Complete

Done Internet



LOA VALIDATION

LOA VAL STATUS

V - Valid
F - Failed
1-5 - Retry
C -
Connectivity

Cargo Movement Operations System - Surface Freight Outbound

File Work Areas Tools Edit Block Field Record Query Window Help

Shipment Planning Detail

DOC TYPE: SYS DES: DOC NBR: TCN:
PAL ID: MOV DOC: LEAD TCN:

SUPPLY DIC: LINE ITEMS: DSOE ID: CHALK: PLAN ID:
NSN: MFG PART #: U/I: U/C:
MIL MODE: EDI MODE: EXP MODE: FUND:
NMFC/UFC: RATE: UIC: NOMEN:
CONSIGNOR: POE: POE DODAAC: SEC CLASS: RISK CODE:
CONSIGNEE: POD: TYPE CARGO: MCC:
ULT ADDR: SPI:
PIECES: WEIGHT: CUBE: CONSOL ID:
RDD: TP: CONTAINER ID:
PROJ: COMMOD S/H: AIR DIM: CPM SHIPMENT ID:
ETA: TAC: NSN MATCH: HOLD CODE:
ADVICE NBR: ACCT CLASS:
SDN: LOA VAL STATUS: STATUS:

ULT ADDR EDIT TCN EDIT ACCT CL

PIECES HAZ CARGO EXPR SHIP

INDICATORS T-9 MISC PARTIAL

NON-MIL SERIAL COPY NSN

DG / -2 PERS PR TRANSHIP PRGHT

SED INFO-3

New Field To Show Validity Status



MARFORRES REMOTE UNIT

- **Automated Tool for supporting small remote sites lacking TMO expertise**
 - **Remote Units able to use Defense Transportation System via CMOS**
 - **Shipment Requests are generated through AFMC WEBFORMs (DD Form 1149)**
 - **Requests are forwarded to the Regional Transportation Support Unit**



MARFORRES REMOTE UNIT

- **Automated Tool for supporting small remote sites lacking TMO expertise (cont.)**
 - **MARFORRES schedules shipments, generates movement documentation, and posts documentation on AF Portal as PDF file.**
 - **Remote Unit accesses AF Portal to download the documentation (Truck Manifest, CBLs, MSLs, and Shippers' Declarations for DGs)**
 - **Print documentation, prepares/loads shipments for movement**
 - **Once conveyance departs, enters release date/time via AF Portal**



Primary CMOS POCs

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